

Considerations Regarding the Question of the  
Appropriate Use of the Notch Toughness Value in the  
Assessment of the Tendency to Brittle Fracture,  
and on the Weldability of Conventional Structural  
Steels, by H. Kornfeld. UNCL

GERMANY, Ver., Stahl u Eisen, Vol LXXVII, 13 Jun  
1957, pp 792-798.

British Iron and Steel Ind  
(no number given)

Sci - Min/Met  
Sep 59

98 239

Decarburization of Killed Basic Converter Steels,  
Part II. Inclusions, Degree of Purity and  
Mechanical and Technological Properties, by R.  
Plochinger, H. Rosegger. UNCL

GERMAN, GER, Stahl u Eisen, 13 Jun 1957,  
pp 798-804.

British Iron and  
Steel Ind 667  
(9.0.0)

Sci - Min/Met  
May 59

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Hansen, Michael. DETTONATION AND SHOCK-WAVE. Rept. no. 301 of the Blast Furnace Committee and Rept. no. 448 of the Department of Heat Technology of the Verein Deutscher Eisenhüttenleute. [July 57] [32]p. 19 refs. Order from SLA \$3.60	61-16332	I. Hansen, M. II. Title: Verein...  17527~
Trans. of <u>Stahl u[nd] Eisen</u> (West Germany) 1957, v. 77, 13 June, p. 805-813.		
DESCRIPTORS: Blast furnaces, Gases, Combustion, Explosions, *Detonation, Detonation waves, *Shock waves, Blast, *Explosion damage, Industrial plants, Safety.		
<i>Cop. Dr. Sch. Jr 626</i>		
(Physics--Thermodynamics, TT, v. 6, no. 3)		Office of Technical Services

KRAUTMACHER, H. and PUNGEL, W. Life of container  
for molten lead.

Stahl Eisen 77(13):837-45 (1957) (CRL/D. 842)

Formation and Etchability of Scale on Hot Strip, by W. Dahl and W. Lueg,  
GERMAN, per. Stahl Eisen, Vol 77, June 27,  
1957, pp 845-853.  
BISI 9106

June 71

The Manufacture of Cold Drawn Steels in the United States of America, by O. Andrieu, 22 pp.

GERMAN, per, Stahl u Eisen, 27 Jun 1957, pp 853-859.

SLA 57-3049

Sci

Aug 58

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Temperature Measurements During Wire Drawing. Part  
II., by Werner Lueg, Karl-Heinz Treptow, 28 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 13,  
1957, pp 859-867.

SLA 59-15077

Sci  
Dec 59  
Vol 2, No 4

102,695

Investigations on a 4-High Reversing Mill Stand  
Rolling Cold Strip for Tinplate, Parts I and II,  
by Spiller, Funke.

GERMAN, semimo per, Stahl und Eisen, 27 Jun 1957,  
pp 867-881.

Co-op Tr Sch Tr 660

Sci - Engr  
Jan 58

57,753

Dephosphorization of Basic Converter Steel to  
Very Low Contents of Phosphorus, by Kosmider,  
Schenck.

GERMAN, ~~sämmiso per~~, Stahl und Eisen, Vol LXXVII,  
Jul. 11 1957, pp 917-926.

Co-op Tr Sch Tr 637  
(S).O.O)

Sci - Min/met  
Jan 58

57, 710

The Use of Oxygen in Refining Pig Iron, by  
Bading.

GERMAN, per, Stahl u Eisen, 11 Jul 1957, pp 926-  
931.

dsIRO  
Co-op Tr Serv Tr 620  
( 2.15.0 )

EE - GERMANY  
Sci - Min/met  
Nov 57

55, 868

Heat and Power Supply System of an Integrated Iron  
and Steelworks Under Influence of the Technical De-  
velopment, by Weineck.

GERMAN, semimo per, Stahl und Eisen, 25 Jul 1957,  
pp 988-998.

Co-op Tr Sch Tr 661

Sci + Engr  
Jan 58

57,755

Power and Heat ... Economy of an Integrated Iron and  
Steelworks, by Stolzenberg.

GERMAN, semimo per, Stahl und Eisen, 25 Jul 1957,  
pp 998-1006.

Co-op Tr Sch Tr 662

57,756

EE - Germany  
Econ  
Jan 58

The Tendency of Steels to Brittle Fracture,  
by Kochendorfer.

GERMAN, ~~semimo per~~, Stahl und Eisen, Vol LXXVII,  
25 Jul 1957, pp 1006-1018.

Co-op Tr Sch Tr 646

Sci - Min/met  
Jan 58

57, 748

Organization of the Supply of Materials and of  
Production as a Means for Planning and  
Management, Part I. Economy of Materials,  
Planning of Work, Recording and Signalling  
Systems, by W. Schditte. UNCL

GERMAN, per, Stahl u Eisen, 8 Aug 1957,  
pp 1045-1064.

British Iron and Steel Ind 1170  
(L5)

Soviet  
USSR  
Econ Jun 59

89, 842

Dust Removal in a Strand Sintering Plant, by Weilandt,  
et al.

GERMAN, seminario per, Stahl und Eisen, Vol LXXVII, 8 Aug  
1957, pp 1064-1069.

*British Iron and Steel Fed*  
~~Copy Mr. Sch. Tel. 665~~

Sci - Engr  
Jan 58

57,759

Dust Removal in a Pallet Sintering Plant, by Hase.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 8 Aug  
1957, pp 1070-1074.

Co-op Tr Sch Tr 737

Sci - Engr  
Apr 58

60,789

The Fatigue Life of Crankshafts and Its Evaluation  
by Inspection, by Wupperman.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,  
22 Aug 1957, p 1117.

Co-op Tr Sch Tr 583

Sci - Engr  
Jan 58

57,638

New Methods of Hot Cooling, by Vonnegau.

GERMAN, per, Stahl u Eisen, Vol LXVII, 22 Aug  
1957, pp 1126-1134.

Co-op Tr Serv Tr 664  
( 4.10.0)

Sci - Engr  
Nov 57

55, 858

SLH 61-16385

Organization of the Supply of Materials and of the  
Production as a Means for Planning and Management, *Part II*,  
by Schutte. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 22 Aug 1957, pp 1146-  
1160.

*British Iron and Steel*  
Co-op Tr Scheme  
Tr 799  
(19.0.0)

EEur - Germany  
Econ  
Apr 58

*62,678*

Layout of High-Capacity Rolling Mills for Light-Steel  
Sections and Wire Rod, by Lemm.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII, 5 Sep  
1957, pp 1181-1195.

Co-op Tr Sch Tr 672

Sci - Engr  
Jan 58

57,663

Determination of the Variables Affecting the Yield of  
Rimming-Type Free-Cutting Steel, by Latour, Heinen.

GERMAN, ~~seminos per~~, Stahl und Eisen, Vol # LXXVII,  
5 Sep 1957, pp 1204-1209.

*CSIR*  
Co-op Tr Sch Tr 696

Sci - Min/met  
Jan 58

*57, 648*

Non-metallic Inclusions, by H. Hoff,  
G. V. Dunk, H. Lessing.

GERMAN, ver, Stahl und Eisen, Vol LXXVII,  
No 18, 1957, pp 1210-1215.

Broken Hill Prop Co Ltd  
(CRL/T 131)

Sci - Min/Met  
Dec 61

/73, 73/

Effect of the Manganese and Lead Content of Non-Metallic Inclusions in Free-Cutting Steel, by Becker, Hoff.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,  
5 Sep 1957, pp 1215-1220.

Co-op Tr Sch Tr 695

Sci - Min/met  
Jan 58

57,646

Importance of the Utilisation of Waste Heat  
and Heat Derived From Cooling for the Heat,  
Power, and Water Supply Economy of Metallurgical  
Plants, by F. Wessmann.

GERMAN, per, Stahl und Eisen, Vol. LXXVI,  
1957, pp 1221-1223.

CSIRO

Sci - Engr  
Jun 62

199, 607

Tool Wear in Machining, as Reflected in the  
Wear-Cutting Speed Curve, by G. Vieregg.

UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXVII, 5 Sep, 1957  
pp 1233-1244.

Iron and Steel Inst Tr 709  
(L7.O.O)

Sci - Engr  
Aug 58

71,739

Anticipation of Dephosphorization Before Decarburization During Refining of Pig Iron by Pure Oxygen, by H. Kosmider, H. Neuhaus, H. Schenck.

GERMAN, semino per, Stahl und Eisen, Vol LXXVII,  
19 Sep 1957, pp 1277-1283.

Co-op Tr Sch Tr 709

Sci - Min/met  
Jan 58

57, 768

Experiences and New Findings in Refining of Basic  
Bessemer Pig Iron by Blowing With Pure Oxygen, by  
F. A. Springorum, et al.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,  
19 Sep 1957, pp 1284-1296.

Co-op Tr Sch Tr 710

Sci = Engr  
Jan 58

57,770

Lines of Development in Refining Phosphorus-Rich  
Pig Iron by ~~the~~ the Use of Oxygen, by H. Rellermeyer.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,  
19 Sep 1957, pp 1296-1303.

Co-op Tr Sch Tr 711

Sci & Min/met  
Jan 58

57, 769

Hammer, R. and Koetz, Th.  
THE MECHANISM OF TOP BLOWING. [1958] 12p.  
13 refs.  
Order from SLA \$1.60

61-16376

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,  
no. 19, p. 1303-1308.

DESCRIPTORS: \*Steel, Production, \*Iron, Processing,  
Smelting, Oxygen, Gas flow, \*Jets.

*Co-op Sci. Ser. Tr. 738*

61-16376

I. Hammer, R.  
H. Kootz, T.

175273

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

Strafe, Gunter.  
ROLLER BEARING TECHNIQUE IN ROLLING MILLS.  
[1961] [33]p. 8 refs.  
Order from SLA \$3.60

61-16373  
1. Strafe, G.

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,  
no. 19, p. 1315-1329.

DESCRIPTORS: Rolling mills, \*Roller bearings,  
Friction, Mechanical properties, Lubrication,  
Maintenance.

177653

Office of Technical Services

(Machinery--Machine Parts, TT, v. 6, no. 4)

Document dated by the Foreign Office at Berlin, 20.7.57  
relating to the R. Institute. (UIC)

CERMAK, per, Stahl u Eisen, No 20, 3 Oct 1957,  
pp 1349-1355.

British Iron and Steel Ind  
(no number given)

Sci - Mn/Hat  
Sep 59

98,282

The Calculation of the Effect of the Rolling  
Speed on the Rolling Effect and the Strip  
Thickness in Cold Rolling, by W. Lueg, P. Funke.  
UNCLASSIFIED

GERMANY, por, Stahl u Eisen, Vol 18(1957), No 20, Oct.  
1957, pp 1356-1362.

British Iron and  
Steel Ind 1049  
(L4 150) 96,030

Sci - Min/Met  
Nov 58

Lubricants and Lubricant Carriers for the Cold  
Drawing of Steel Wire, by W. Dahl, W. Lueg.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No  
20, 1957, pp 1368-1374.

Brutcher Tr 4117  
\$9.70

Sci - Fuels

Aug 58

68,208

The Movement of Ore to the Blast-Furnace, by  
Boerner.

GERMAN, semimo per, Stahl und Eisen, 1957,  
pp 1417-1426. *British Iron and Steel Co.*  
Co-op Tr Sch-Tr 580  
(£3.15.0)

Sci & Engr  
Jan 58

57,688

Suitability and Selection of Blast-Furnace Slag for  
Manufacture of Road Ballast, by Hittmann.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 17 Oct  
1957, pp 1436-1442.

Sci - Engr  
Feb 58 Chief Librarian 58, 250

C. S. I. R. D  
314 Albert St  
Melbourne  
C. 2, Vice

60-10-89 Ser Tr 782  
(83/10/1)

Fundamental Considerations About the Production of  
High-Quality Killed Steel, by Schenck.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 21,  
1957, pp 1442-1450.

MS Brutcher Tr 4079

Sci - Min/met  
Apr 58

60, 787

Investigations on Converter Smoke With a View to  
Spectroscopic Control of the Basic Bessemer  
Process, by Wever et al.

GERMANY, per, Stahl und Eisen, Vol LXXVII, No 21,  
17 Oct 1957, pp 1451-1459.

Co-op Tr Sch Tr 772

Sci - Engr  
Feb 58

58, 252

The New Light Section and Wire Rod Mill ~~and~~  
of the Klockner-Huttenwerk Haspe & in Hagen-Haspe,  
by Weyel, Weide. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Oct 1957, pp 1464-1476.

Iron and Steel Inst Tr 749  
(L6.10.0)

Sci - Engr, machinery  
Aug 58

71,716

Automatic Testing of Billets by the Electromagnetic  
and Supersonic Methods, by Husarek.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 21,  
1957, pp 1483-1487.

Brutcher Tr BT-4110  
60, 791

Sci - Engw  
Apr 58

A Forecast Method of Coating Applied to an  
Open-Hearth Steelworks, by Hofstadt.

UNCLASSIFIED

GERMANY, per, Stahl u Eisen, No 20, 1957,  
pp 1489-1495.

British Iron and  
Steel Ind 827  
(L7.10.0)

ERUR - Germany  
Econ  
Nov 58

76, 330

Summary of the Present State of the Spectro-  
metrical Analysis of Steel, by H. Hartleif.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 17 Oct  
1957, pp 1497-1499.

Co-op Tr Sch Tr 784

Sci - Min/met  
Feb 58

58, 266

Results of Testing the Operation of Blooming Mills. Part I -- Methods Used in Measuring the Characteristic Data in Rolling Blooms, by Mueller, Marx. UNCLASSIFIED

GERMAN, per, Stahl und Eisen, 31 Oct 1957,  
pp 1577-1582.

SLA 61-16392  
~~Coop Tr Sch~~  
~~Fr 767~~ British Iron and  
Steel Ind 167

Sci - Min/Metals  
Jul 58

67674

Results of Testing the Operation of Blooming  
Mills, by Mueller, Lueg. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, 31 Oct  
1957, pp 1583-1593.

*British Iron and Steel Inst Tr 768*  
(15,10.0)

Engr, machinery  
Sci - Min/Metals

Aug 58

*71, 753*  
*SLA 61-16391*

Results of Testing the Mode of Operation of  
Blooming Mills, by W. Fuerenberg, UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 31 Oct 1957,  
pp 1593-1607.

British Iron and  
Steel Ind 769  
9A (LB)

Sci - Magr; Min/Met  
Nov 58

75, 879

Control and Regulation of the Twin Drive of a  
Heavy Plate Mill, by Martin. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, No 10, 1957,  
pp 1607-1610.

British Iron and  
Steel Ind 770  
(L2.15.0)

Sci - Min/Met  
Nov 58

76, 271

On Loan only:

Classification of Heat Treatments by a Numerical  
Code System, by W. Connert. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, No <sup>20</sup> 10, 1957, pp 1625-1626.

British Iron and  
Steel Ind TMS 341

Sci - Min/Met  
13 Nov 58

Temperature Losses of Steel After Tapping,  
by H. Hethaus, H. J. Kirschning, W. Muenster-  
mann, 12 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVII,  
1957, p 1660.

SIA 59-10489 .

Sci Min/Met  
Jun 59  
OTS I, 10

89,722

The Testing of Materials and Work-Pieces for Acceptance, by Schinn. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 14 Nov 1957, p 1674.  
(Abstracted in E.I.D.I., 1958 EP May, p 98).

J. Iron and Steel Inst  
Co-op Tr-Sch Sv  
Tr 960

Sci - Engr  
Aug 58

68,847

Testing of Material and Work-Pieces for Acceptance,  
by Schinn. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, Nov 1957,  
pp 1675-1686.

Iron and Steel Inst Tr 960  
(15.10.0)

SLA 61-18448

Sci - Min/Met  
Aug 58

71,734

Effect of Residual Stresses in Hardened Tool Steels  
on Development of Grinding Cracks, by Buhler, Schepp.  
UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, 14 Nov 1957,  
pp 1686-1690.

Henry Bratcher Tr

Sci - Min/Met  
Apr 58

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Accidents in the German Iron and Steel Industry  
1956 - Works Accidents Statistics, by H. Antoni.

GERMAN, per, Stahl und Eisen, 14 Nov 1957,  
pp 1692-1693.

BIBI 892

EUR - Germany

Econ

152,521

136,590

The Metallurgy of Ferro-Manganese, by Heynert et al.  
UNCLASSIFIED

GERMANY, per, Stahl u Eisen, 28 Nov 1957,  
pp 1717-1728.

Iron and Steel Inst Tr 801  
(L6.0.0)

71,729

Sci - Min/Met  
Aug 58

Transport of Iron Ores, by Bernard-Michel.

GERMAN, semimo per, Stahl und Eisen, 1957, // P 128 33.

Co-op Tr Sch Tr 581  
(£2.0.0)

EE - Germany 57,689

Econ Chief Librarian  
Jan 58

C.S.I.R.O.  
314 Albert St  
8, Melbourne  
C. 2, Vic

SLA 61-16226

Internal Stresses in Hot-Rolling Rolls Induced by  
Service-Stress, by H. Buhler.

GERMAN, per, Stahl und Eisen, Vol LXXVII,  
28 Nov 1957, pp 1740-1747.

BIBI 1595  
C.R.C. 1. 760

Sci - Engr

Mar 62

186, 923

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Knüppel, H., Wiethoff, G., and Dörr, W.  
FIRST EXPERIENCES WITH ELECTRONIC WEIGHING  
MACHINES IN A STEELWORKS. Jan 60.  
Order from MT

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,  
no. 24, p. 1752-1759.

DESCRIPTORS: Steel industry, \*Weighing, \*Electronic  
equipment, \*Balances, Tests, \*Machines.

61-22821

- I. Title: Weighing machines
- II. Knüppel, H.
- III. Wiethoff, G.
- IV. Tollermache, M. de O.  
(Gt. Brit.)

180553

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

Drawing and Push-Pointing of Cold-Rolled Steel Bars,  
by Dahl, Lueg. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 12 Dec 1957, pp 1795-  
1802.

Co-op Tr Scheme  
Tr 908

Sci - Min/Metals  
May 58

SLA 61-18292

63,244

Study of Oils and Emulsions for Lubrication, in Cold-Rolling Trials, Part I, by W. Lueg, F. Funke, W. Dahl.

GERMAN, per, Stahl Und Eisen, Vol LXVII, No 25, 1957,  
pp 1817-30.

Brutcher Tr 4100  
\$18.75

Sol - Fuels

Apr 58

61,447

Neuhaus, H.

THE BEHAVIOUR OF HYDROGEN IN THE BLOWING  
OF STEEL IN THE OXYGEN-STEAM CONVERTER  
PROCESS. Rept. no. 634 of the Steelworks Committee  
of the Verein Deutscher Eisenhüttenleute. [1958]  
[10]p. 39 refs.

Order from SLA \$1.10

61-16350

61-16350

I. Neuhaus, H.

II. Title: Verein ...

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,  
no. 26, p. 1863-1867.

DESCRIPTORS: \*Iron, Processing, \*Steel, Production,  
Hydrogen, Metallurgy, Determination, Oxygen,  
Steam, Hydrogen embrittlement.

CO-OP-100-1000-810

175270

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

Office of Technical Services

Effect of the Hydrogen Content on the Mechanical Properties of Converter Steels Blown With Oxygen and Steam, by Kruger, Schmidtmann. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 26 Dec 1957, pp 1868-1873.

Co-op Tr Scheme  
TR 812  
(I4.10.0)

Sci - Chem  
Apr 58

62, 681

Continuous Pusher-Type Heating Furnace With Fully Automatic Control, by Heimerl.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 26 Dec 1957, pp 1873-1877.

Co-op Tr Sch Tr 811

Sci - Engr  
Apr 58

60, 783

Refining With Oxygen in the Rotary Furnace  
According to the Kaldo Process, by Kalling,  
Johansson. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 26 Dec 1957,  
pp 1885-1887.

Co-op Tr Scheme  
Tr 820  
(L3.O.Q)

Sci - Min/Net  
Apr 58

62,687

Rolling and Roll Straightening Machines for  
Round Bars, Tubes, and Shapes, by Hermann Woöl,  
8 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 26,  
1957, pp 1895, 1896.

SLA 59-10270

Sci - Engr  
Sep 59;  
Vol 2, No 1

97, 915

Contribution to the Use of Mathematical Statistics  
in the Steel Industry, by Kurt Orths, 39 pp.

GERMAN, per, Stahl und Eisen, Vol. LXXXVIII, 1958,  
pp 14-21.

AEC Tr 3225

Sci - Mathematics  
Jun 58

65,945

Smelting Trials With Swedish Ore Pellets, by Reckmann,  
Misch. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Jan 1958, p 21.

Co-op Tr Scheme  
Tr 865  
(L4.0.0)

Sci - Min/Met  
Eur - Germany  
Econ  
Apr 58

62,684

Reckmann, A. and Misch, W.  
EXPERIMENTS ON SMELTING OF SWEDISH ORE  
PELLETS. [18 Mar 58] [20]p. 6 refs.  
Order from SLA \$1.60

61-16343

Trans. of Stahl und Eisen (West Germany) 1958, v. 78,  
no. 1, p. 21-27.

DESCRIPTORS: \*Ores, \*Smelting, Iron, Production,  
Pellets.

61-16313

I. Reckmann, A.  
II. Misch, W.

175276

Office of Technical Services

(Metallurgy, TT, v. 6, no. 3)

Desulphurisation in the Basic Open-Hearth Process,  
BY Speith et al. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVIII, 9 Jan 1958,  
pp 27-34.

Co-op Tr Scheme  
Tr 823  
(L5.10.0)

Sci - Min/Met  
Apr 58

62,617

Comparison of the Advantages and Disadvantages  
of Turning and Grinding the Grooves in the Rolls  
of Wire Rod Mills, by Palm, Warrol. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 9 Jan 1958, pp 35-  
37, 37-39.

*Iron and Steel Inst*

Co-op Tr Schr S✓  
Tr 946

OTS 61-18880

Sci - Min/Met  
Aug 58

68,843

Effect of Austenitising Conditions on the  
Structure and the Behavior During Transformation of  
Plain Carbon Steels, by Heinz Borchers, Gunter  
Saur, 25 p.

GERMAN, per, Stahl und Eisen, 1958, Vol LXXVIII,  
No 1, pp 40-46.

SLA 59-15820

S  
AcI  
Jan 60  
Vol 2, No 5

104,606

Study of Hydrogen in Iron, by H. Taxhet.  
GERMAN, per, Stahl und Eisen, No 78, 1958, pp 50-  
52.  
\*NBS TT 70-57524

Sci-Mat  
Aug 70

The New-Open-Hearth Steel Plant No III of the  
Hoesch-Westfalenhuette A.G., Dortmund, by  
H. vander Warth, et al. UNCLASSIFIED

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GERMAN, per, Stahl u Eisen, No 1, 1958,  
pp 79-87.

British Iron and Steel  
Ind 1042 (L5.15.0)

WEur - Germany  
Econ  
Nov 58

OTS 61-18727

757875

<p>Weber, Karl-Heinz. USE OF OIL IN FORGES. Rept. no. 15 of the Forging Committee of the Verein Deutscher Eisenhüttenleute. [1961] [15]p. 1 ref. Order from SLA \$1.60</p> <p>Trans. of <u>Stahl und Eisen (West Germany) 1957</u> [v. 78] no. 2, p. 87-92.</p> <p>DESCRIPTORS: *Forging, *Oil burning furnaces, Economics, Germany.</p> <p>(Metallurgy, TT, v. 6, no. 6)</p>	<p>61-18656 I. Weber, K.-H. II. Title: Verein...  OTS - 914  183155  Office of Technical Services</p>
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Supervision and Location of Faults in Electrical  
Control Installations in Steel Works, by Stahl.

UNCLASSIFIED

GERMAN, <sup>for</sup> ~~Vol~~ <sup>XXVII</sup>, 2  
Stahl u Eisen, Jan 1958, pp 94-100.

*German Steel and  
Co-op Tr Scheme*  
Tr 881

Sci - Eng  
Apr 58

62,600

Ridder, W. and Wild, M. THE REMOVAL OF SCALE FROM STEEL PLATES; REPORT ON COMMUNITY WORK INVESTIGATIONS. Rept. no. 1114 of the Materials Committee of the Verein Deutscher Eisenleute. [1959] 10p. Order from SLA \$1.10	61-16335  I. Ridder, W. II. Wild, M. III. Title: Verein ...  17527  888
Trans. of Stahl und Eisen (West Germany) 1958, v. 78, no. 2, p. 100-103.	
DESCRIPTORS: *Steel, *Metal plates, *Scale, Countermeasures, Pickling, Sandblasting, Cleaning.	
(Metallurgy--Corrosion, TT, v. 6, no. 3)	
Office of Technical Services	

Production and Properties of Sintered Stainless Steel, by Eisenkolb. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Feb 1958, pp 141-148.

Co-op Tr Scheme  
Tr 913

Sci - Min/Metals  
May 58

63,240

Effect of Boron on Liquid-Phase Formation in  
Sintered Steel, by Benesovsky, Hotop. UNCLASSIFIED

GERMAN, per, Stahl u Eisen,<sup>6</sup> Feb 1958, pp 149-152.

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Sci - Min/Metals  
May 58

63,247

Desulphurisation in the Basic Steel Converter,  
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~~Co-op Tr Scheme~~  
~~17 876~~

Sci - Min/Met  
Apr 58

Bethel Iron and  
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Use of Oxygen in an Open-Hearth Steelworks, by  
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GERMAN, per, Stahl u Eisen, 6 Feb 1958,  
pp 156-160.

Co-op Tr Scheme  
Tr 861  
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Sci - Min/Met  
Apr 58

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The Full Continuous Strip Mill of Messrs.  
Wuppermann, by Lampmann. UNCLASSIFIED

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Co-op Tr. Schmee 57  
Tr 899

Eur - Germany  
Econ  
Sci - Min/Met  
Jun 58

SLA 61-16<sup>3</sup>93

64, 689

The Training of the Personnel in Wire Rod Mills  
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WEur - Germany

196, 208

Econ

May 62  
List 132

Design and Operational Results of a Modern  
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Severing. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 20 Feb 1958, pp 205-214.

Co-op Tr Scheme  
Tr 889

Sci - Eng  
Apr 58

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The Effect of an Electric Inductive Agitation  
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UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 20 Feb 1958,  
pp 215-220.

CSIRO  
Co-op Tr Scheme  
Tr 906

SLH 61-18394

Sci - Min/Met  
Jun 58

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Reactive Current Consumption of Reversing  
Rolling Mills Trains Supplied From Recti-  
fiers, by H. Nickl.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,  
No 4, 1958, pp-220-226.

CAIRO

Sci - Electron  
Jun 62

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The Hydrocyclone as Part of the Water Circulation  
System in an Integrated Steelworks, by Kohler.  
UNCLASSIFIED

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Co-op Tr Scheme  
Tr 893

Sci - Min/Met  
Jun 58

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The (Basic) Hot-Blast Cupola, the Open-Hearth  
Steel Plant and the L.D. Crucible Combined in  
One Unit, by Richter, et al. UNCLASSIFIED

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CS Ic  
*British Iron and Steel Ind 901*  
~~Co-op To Schools~~  
~~901~~

EEur - Germany SLA 61-18372  
Econ  
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The Basic Hot-Blast Cupola in the Integrated  
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pp 284-291. 7105

SLA 61-18370 ~~Scanned by Scheme~~

Sci - Min/Met, metallurgy

Jun 58

British Iron and Steel Ind 902

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The Decarburizing Reaction in the Basic Steel  
Converter During the Dephosphorization, by  
Pottgiesser. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Mar 1958, pp 291-298.

Vol 78, #205.

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~~Tr-903~~

SLA 61-18369

Sci - Min/Met  
Jun 58

British Iron and  
Steel Prod 903  
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Continuous Pusher-Type Heating Furnace With Full  
Automatic Control and Ceramic Skid Rails, by  
F. Fechner.

*Val LX X VIII,*  
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Sci - Engr  
Nov 58

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Study of Oils and Emulsions for Lubrication in  
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GERMAN. per. Stahl und Eisen, Vol LXXVIII, No  
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Sci - Fuels,

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The Application of Centrifugal Shot Descaling  
Plants in Bar Drawing Plants, by Kottmeier.  
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GERMAN, per, Stahl u Eisen, 20 Mar 1958, pp 358-364.

SLA 54-10373  
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Practical Experiences of Pushing-in Steel Bars, by  
Wilhelm Patecky, Kurt Giesecke, 12 p.

GERMANY, per, Stahl und Eisen, 1958, Vol LXXVIII,  
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SLA 59-20712

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Investigations on the Effect of the Rolling  
Conditions on the Properties of Hot Rolled  
Low Carbon Steel Strip. I. Structure of the  
Scale and Behaviour in Pickling, UBCL  
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Time Studies on A Blooming-Slabbing Mill,  
by Muller, Dietrich. UNCLASSIFIED

GERMAN, par, Stahl u Eisen, 3 Apr 1958,  
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Vol 78, No 7

*Muller and Dietrich*  
Co-op Tr Sch  
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NSER  
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Aug 58

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Operational Results When Blowing Basic Bessemer  
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Vol 75, No 7.

Co-op Tr Scheme  
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Sci - Eng, instruments  
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Cermets From Aluminum Oxide and Iron or Iron Alloys,  
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Movement of Hydrogen in Iron Alloys, by  
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Sci-Mat  
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Planning of the Handling of Bulk Materials in the  
Ironworks, by V. von Brancui, F. W. Griese.  
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EISUR - Germany  
Econ  
Nov 58

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Benesovsky, F. and Hotop, W.

THE EFFECT OF BORON ON LIQUID-PHASE FORMATION IN SINTERED STEEL, ESPECIALLY 18Cr-8Ni TYPES. 23 May 58 [11]p. 12 refs.  
Order from SLA \$1.60

61-18390

Trans. of Stahl und Eisen (West Germany) 1958, v. 78,  
no. 3, p. 149-152.

DESCRIPTORS: \*Steel, \*Boron alloys, Nickel alloys,  
Chromium alloys, Sintering, Tensile properties,  
Hardness, Density, Microstructure, \*Powder metallurgy,  
\*Corrosion-resistant alloys.

By additions of a low melting Ni-Cr-B alloy with about  
4.2% B, 18% Cr and 72% Ni, acting as liquid phase during sintering, it has been found possible to produce, from commercial iron powders, sintered alloy steels  
(Metallurgy--Ferrous Metals, TT, v. 8, no. 12)

(over)

61-18390

I. Benesovsky, F.  
II. Hotop, W.

Office of Technical Services

PR-

General Rules (1956) for Cost Accounting in the  
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GERMANY, FED., Stahl und Eisen, Vol LEAVITT, No. 8,  
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Sci - M/H  
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Effect of Partial Replacement of Coke by Coal, Anthracite  
Fuel in Sintering Machines, by R. Ronca, R. G. M. J.

GERMAN, per, Stahl u Eisen, Vol LXXVIII, No 9,  
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Sci - Fuels

Jan 60

105 424